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Attorney's Docket No.: 10559/366001 / P10172

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thue M. Pontoppidan et al.  
Serial No. : 09/843,170  
Filed : April 26, 2001  
Title : NETWORK MANAGEMENT

Art Unit : 2154  
Examiner : Issac R. Clark  
*RECEIVED*  
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NOV 02 2004  
FISH & FISHERSON, PC.  
C. L. FISHER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

DECLARATION OF THUE M. PONTOPPIDAN UNDER 37 C.F.R. § 1.131

I, Thue M. Pontoppidan, currently residing at Frem 45, 2800 Lyngby, Denmark, do hereby declare as follows:

1. I am a co-inventor, along with Esben Carlsen, of the invention claimed in the above-identified patent application.
2. Prior to July 5, 2000, Esben Carlsen and I invented the subject matter of the claims of this patent application while being employees of Intel Corporation, currently having a place of business at 2200 Mission College Blvd., Santa Clara, CA 95052. At least as early as July 5, 2000, we conceived of and proceeded to diligently reduce to practice the invention claimed in the above-referenced patent application.
3. This is evidenced by a written invention disclosure, which was the basis of the above-referenced patent application, and which we prepared for submission to patent counsel at least as early as July 5, 2000. The invention disclosure contents describe the invention, and a redacted copy of the invention disclosure is included along with this declaration. The invention disclosure form itself is considered confidential to Intel Corporation, and each date on the form supports statement 2 above.

4. The U.S. Publication No. 2003/0069848A1 cited by the U.S. Patent and Trademark Office is from the U.S. Application 09/828,702 filed on April 6, 2001, and no priority

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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filing information is included in U.S. Publication No. 2003/0069848A1. The U.S. Publication No. 2002/0067742A1 cited by the U.S. Patent and Trademark Office is from the U.S.

Application 09/729,234 filed on December 5, 2000, and no priority filing information is included in U.S. Publication No. 2002/0067742A1. Therefore, the evidence and statement of facts described in this declaration provides a prima facie showing that the invention date of our claimed invention was at least prior to the earliest priority date of U.S. Publication No. 2003/0069848A1 and U.S. Publication No. 2002/0067742A1.

The U.S. Publication No. 2002/0059457A1 cited by the U.S. Patent and Trademark Office is from the U.S. Application 09/899,648 filed on July 6, 2001, claiming priority to U.S. Provisional Patent Application No. 60/216,088, filed July 6, 2000, and no additional priority filing information is included in U.S. Publication No. 2002/0059457A1. Therefore, the evidence and statement of facts described in this declaration provides a prima facie showing that the invention date of our claimed invention was at least prior to the earliest priority date of the U.S. Publication No. 2002/0059457A1.

5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: 24-OCT-2004

Thue Pontoppidan  
Thue M. Pontoppidan

**INTEL INVENTION DISCLOSURE  
ATTORNEY-CLIENT PRIVILEGED COMMUNICATION**

DATE: \_\_\_\_\_

It is important to provide accurate and detailed information on this form. The information will be used to evaluate your invention for possible filing as a patent application. When completed and signed, please return this form to the Legal Department at JF3-147. If you have any questions, please call 264-0444.

1. Inventor: PONTOPPIDAN THUE \_\_\_\_\_ M \_\_\_\_\_  
Last Name First Name Middle Initial

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2. Inventor: CARLSEN ESBEN \_\_\_\_\_ M \_\_\_\_\_  
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\*Corporate Level Group \_\_\_\_\_ Division \_\_\_\_\_ Subdivision \_\_\_\_\_

Supervisor: \_\_\_\_\_ WWID: \_\_\_\_\_ Phone: \_\_\_\_\_ MS: \_\_\_\_\_

\*If you are unsure of this information, please discuss with your manager.

(PROVIDE SAME INFORMATION AS ABOVE FOR EACH ADDITIONAL INVENTOR)

2. Title of Invention: WAP Device Manager - Management of Intel Network Equipment from a WAP supporting cellular

3. \_\_\_\_\_ RECEIVED \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_ PATENT DATABASE GROUP  
INTEL LEGAL TEAM

6. \_\_\_\_\_

INTEL CONFIDENTIAL

ATTOR -CLIENT PRIVILEGED COMMUNICATION

.....  
**PLEASE READ AND FOLLOW THE DIRECTIONS ON  
HOW TO WRITE A DESCRIPTION OF YOUR INVENTION**

Please attach a description of the invention to this form, **DATED AND SIGNED BY AT LEAST  
ONE PERSON WHO IS NOT A NAMED INVENTOR**, and include the following information:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

BY THIS SIGNING, I (SUPERVISOR) ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THIS  
DISCLOSURE, AND RECOMMEND THAT THE HONORARIUM BE PAID

## Detailed description of the invention

The invention [REDACTED]

- A WAP Gateway [REDACTED]
- A Remote Access Server (RAS) [REDACTED]
- A SNMP managed LAN device (a LAN switch) [REDACTED]
- A WAP Client (i.e. a cellular supporting WAP) [REDACTED]
- A modem (for connection to the public telephone-network) [REDACTED]
- A WAP Device Manager - software developed for the purpose [REDACTED]. This is the crucial part of this invention

The WAP Gateway, which has access to an intranet with SNMP manageable switches, is connected via the RAS to the public telephone network by a modem.

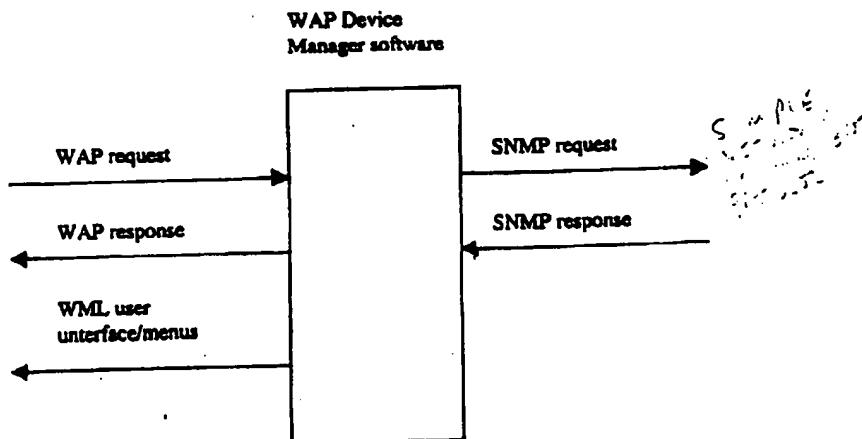
The WAP device manager is installed on the gateway and mapped to a specific URL. The WAP Client is configured with the telephone number of the modem and the URL of the WAP device manager. The network administrator can then connect to the WAP Gateway and invoke the WAP Device Manager. The WAP device manager now acts like a WEB server except that it operates on the HTML like markup language WML. The WAP Device Manager accesses Intel LAN devices by SNMP. Thus this WAP Device Manager implements a device management program allowing the network administrator to configure and/or monitor Intel LAN devices from a standard WAP cellular available from several vendors.

## Advantage(s) over what is done now

Currently, network administrators need a laptop computer and a data capable cellular to perform mobile device management. The advantage of this invention is that interactive device management can be performed by an ordinary cellular (supporting WAP) from almost anywhere without a laptop or any other hardware.

## 3. Figures

The WAP Device Manager software



[REDACTED]

Including this invention in Intels Device Management strategy will differentiate Intel from our competitors by providing a unique possibility of mobile management. It will allow a network administrator to be in touch with "his" network from the cellular that he is probably already carrying wherever he goes.

[REDACTED]

This invention combines existing technologies in a unique way by a piece simple piece of software (the WAP Device Manager). It is a new way of using the emerging WAP technology.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]